AEE/SSD/SBR/55/DATED:-21/08/2019

Original/Duplicate/Triplicate

CONTRACT CERTIFICATE

(For Other Works)

No. 1st & Final Bill

Date : .....

Division DD

Sub-Division

Bill Received No. 127/26/08/2019 Dated .....

Cash Book Voucher No. ..... Dated :.....

Scheduled Doctet No. .....

Head of Account .....

Name of work (as per sanctioned estimate) MAINTENANCE OF BOREWELLS IN WARD NO. 12 SHETTYHALLI, SHETTYHALLI SUB DIVISION CALL-4

Name of Contractor and Full Address SRI. S. PRAKASH

Reference to Agreement No. EE/DD/WO/307/18-19 Date: 08/02/2019

Certified that the measurements were taken by me on 14/08/2019 and recorded in pages 128760-128879 of measurements Book No. 1288/13-14 and that the work is satisfactorily executed.

Officer - In - charge of work

Contractor

Certified that the measurements were checked by me on 14/8/2019 and found correct. The work is satisfactorily executed. Certified that the quantities of materials shown in column 3 of Account II have been actually brought to site of the work and the contractor has not previously received any advance on this security. These materials are of an imperishable nature and are all required for immediate use on the work in connection with items for finished work have been agreed upon. A normal agreement signed and executed by the contractor is recorded in the office.

Sub - Division Officer

JOB NO : 012-18-0000141

If Memorandum of Payment

		AMOUNT
1.	Total value of work done or supplies made as per account.	--
2.	Deduct amount to be held in reserve being ..... percent Rs.	--
3.	- do - Balance	--
4.	Deduct Payments :	
	a) Amount of previous payment as in the Office Cash Book Voucher No. ..... Dated ..... S.D. No.	
	Amount adjusted towards cash advance recovery of	
	b) Payments cost store or other materials supplied.	
5.	Balance being unpaid value of work done held in reserve	
6.	Deduct cash advance made on the office Cash Book Vehicle No. ..... dated ..... less adjustments	
7.	Net amount due to or from contractor	
	Unadjusted items	
8.	Advance to contractor for materials brought to site (as detailed) within value of	
	Government materials supplied.	
	Total amount adjusted	--

1st and Finall Bill → 475364=00

IT → 4536=00
LWC → 4536=00
CBF → 4754=00
CyST → 42443=00
SGST → 42443=00
Total 184712=00 (-)

Net Amount → 4568935=00

Contractor Signature

Received Rs. ..... (in words)

..... by cash and by adjustment of

Payment as per memorandum.

(In final settlement of all demand)

(For use in the Office)

Witness :

1.

2.

Date

Paid by me by cheque No..... Dated .....

Cash Rs. ..... Dated .....

Initials of Officer making payment dated .....

Stamp

Signature of Contractor

Audited and admitted for Rs. 475364=00

Passed by Cheque for Rs. 4568935=00

(Forty five lakhs Sixty Eight thousand Nine hundred thirty five only)

by adjustment 184712=00

Accounts Officer

Executive Engineer

Division

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checked by me on 14/8/2019 and found correct. The work is satisfactorily executed

53	Supplying and fixing of 4 pole power contactor Complete as per specifications.	Each			30.00	1026.66	30800.00	30.00	30800.00	
54	Providing and fixing in position 50mm nominal bore non-return valve Horizontal type of approved make including cost of all materials labour and HOM of equipments with all leads Complete as per specifications.	Nos			30.00	1166.50	34995.00	30.00	34995.00	
55	Supllying and fixing 50mm GL Union, Complete as per specifications.	Nos			20.00	248.28	4965.60 4966.00	20.00	4965.60 4966.00	
56	Supllying and fixing 50mm GI Elbow Complete as per specifications.	Nos			20.00	124.09	2482.00	20.00	2482.00	
57	Supllying and fixing 50mm GI Nipple Complete as per specifications.	Nos			20.00	115.76	2315.00	20.00	2315.00	
58	Supllying and fixing 50mm GI Collars CE(M)BWSSB, Letter No. Complete as per specifications.	Nos			100.00	138.74	13874.00	100.00	13874.00	
59	Supplying and fixing 50 mm GI pipes 'C' class heavy duty for erection of submersible pumpset Complete as per specifications.	Mtrs			408.00	447.01	182380.00	408.00	182380.00	
60	Supplying and fixing gunmetal gate valve 50mm nominal bore Complete as per specifications.	Nos			20.00	1775.84	35517.00	20.00	35517.00	
61	Cleaning of borewells including yield testing of borewell either using slow or fasr Rig for more than 2 hours at the tinal depth with a minimum working of 2 hours continuously with air compressor or suitable pump as per specification. Including the cost of transportation charges crew charges, cost of consumables etc., Complete as per specifications.	Each			3.00	11598.46	34795.00	3.00	34795.00	
62	Logging / Scanning of borewell at any continously with the help of logger unit using including the cost of transportation charges crew charges. Stationary charges and cost of consumables etc., Complete as per specifications.	Each			3.00	1465.07	4395.00	3.00	4395.00	
63	Yield Testing of Borewell at finl depth with a minmum of 10 hours continously with the help of Pump Testing Unit including the cost of transportation charges crew charges and cost of consumables Complete as per specifications.	Each			3.00	7935.79	23807.00	3.00	23807.00	
64	Fishing of Power from the borewell including the cost of labour materials with all lead and lift etc., Complete as per specifications.	Each			3.00	5127.74	15383.00	3.00	15383.00	
65	Old GI pipe threading and transportation charges Rs.27 Per Mtr = 6.00 Mtrs x 27/- Complete as per specifications.	Each			245.00	179.80	44051.00	245.00	44051.00	
	TOTAL						4753647.00		4753647.00	

CERTIFICATE:

1 Work done is satisfactory
2 There are no departmental issuesmade to the contractor
3 The contractor has cleared all debrice from work spot

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ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ
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34	Labour charges for lifting of non functioning submersible pump set along with cable and GI pipes Complete as per specifications.	Each			1000.00	120.98	120980.00	1000.00	120980.00	
35	Labour charges for Erection of new / repaired submersible pump set along with G.I. pipes (50/32mm), S.S. cable (New submersible pump set if required will be supplied by the department free of cost and released pump set should be handed over to department) including transporation for 3 HP to 20 HP and for all depths Complete as per specifications.	Each			1000.00	97.67	97670.00	1000.00	97670.00	
36	Supply and drawing 3 core flat PVC sheathed submersible pump cable manufactured with electrolytic grade copper with flexible copper conductor confirming to cable 3 class 5 of IS 8130-1984 and latest amendments of IS 694 / 1990 and virgin grade PVC insulation and sheathed suitable for working voltage up to 1100 volts Complete as per specifications.	Rmt			2450.00	177.03	433724.00	2450.00	433724.00	
37	Fabricating Supplying and Mounting MS Box Made out 14 SWG Suitable For Floor/ Wall Mounting Fully Weather Proof With Provision For Better Heat Dissipation, Provided With Hinged Front Cover, Equipped With Tamper Proof Locking Arrangements, With Suitable Size Clamps With Necessary Cable Entry Pipe With Gland and Box Should be Finished With 2 Coats Of red Oxide Primer Paint And Finally Finished With Approved Colour Enameled Metal Pain Etc., Complete as per specifications.	Sq.Cm			23.00	13673.97	314501.00	23.00	314501.00	
38	Suplying and fixing angle iron frame work fabricated out of MS angle iron and MS flat Bolts , Washers etc and painted with 2 coats of red oxide and then two coats of approved paint 40x40x6mm Complete as per specifications.	No			23.00	256.39	5897.00	23.00	5897.00	
39	Supply and fixing polished wood board made of not less than 15mm thick plank on both sides with planks made out of not more than 2 pieces and fixing the same to the wall using tapered incerted wooden plugs screws etc F) 20" x 20" x 2.5" Complete as per specifications.	Each			23.00	316.32	7275.00	23.00	7275.00	
40	Supplying and fixing miniature circuit breaker on existing MCB distribution board using necessary fixing materials and wiring complete as per required Complete as per specifications.	No			50.00	2106.04	105302.00	50.00	105302.00	
41	Supplying and fixing one of the fuse cutouts having porcelain base approved quality on the existing wooden block and wiring Complete as per specifications.	No			180.00	256.39	46150.00	180.00	46150.00	
42	Supplying and delivery at site brand new texmo / innoval / Lubi / Sabar / Atalanta / Calamal make suitable for vertical installation in 150mm dia borewell comprising of single stage of multistage CF pump close coupled by means of stainless steel coupling to suitable HP suitable speed totally enclosed and filled with pure drinking water (Wet type) squirrel cage submersible induction motor suitable for operation of 3PH., 50 Hz, 380/440 volts AC supply fitted with required accessories such as suction casing suction strainers sand guard Non return value etc., complete. The pump and motor shall form an integral unit with all the required fittings 15.00 HP 30 stage , Complete as per specifications.	No			20.00	78358.94	1567179.00	20.00	1567179.00	
43	Supplying of LTUG Cable having aluminium conductor PVC insulated sheathed galvanized steel wire/ steel tape armored cable with PVC outer sheathing 1.1KV class conforming IS 1554 -PVC Cable)Complete as per specifications.	Rmtr			300.00	183.13	54939.00	300.00	54939.00	
44	Digging of trench of 0.6m deep x 0.50 mtr wide refilling the trench to the required ground level and consolidating etc., Complete as per specifications.	Cum			108.00	61.04	6592.00	108.00	6592.00	
45	Labour charges for laying 1.1KV class UG cable when supplied departmentally/agency in existing trench GI pipe/stoneware pipe/on wall/on pole as required. Complete as per specifications.	Rmtr			360.00	6.10	2196.00	360.00	2196.00	
46	Supplying Fully Automatic Star- Delta Starter Unit Push Button Type With Suitable Wires 3 Contractors, One Adjustable Thermal Timer Mounted on a Common Base Plate held in Steel Enclosure For Use on 400/440 Volts 3 Phase and Wired after Fixing to the Exisiting Wooden Board For Motor, PRE Complete as per specifications.	Each			10.00	7306.47	73065.00	10.00	73065.00	
47	Supplying and fixing single phase preventer Complete as per specifications.	Each			50.00	815.78	40789.00	50.00	40789.00	
48	Supplying fixing and wiring 0 to 600 Volts 96 x 96mm AC voltmeter - Complete as per specifications.	Each			30.00	477.26	14318.00	30.00	14318.00	
49	Supplying fixing and wiring 0 to 100 Amps Direct Reading AC analog Ammeter - Complete as per specifications.	Each			30.00	549.40	16482.00	30.00	16482.00	
50	Supplying, fixing and wiring rotary selector switch suitable for ammeter - Complete as per specifications.	Each			30.00	477.26	14318.00	30.00	14318.00	
51	Supplying, fixing and wiring rotary selector switch suitable for Voltmeter - Complete as per specifications.	Each			30.00	271.93	8158.00	30.00	8158.00	
52	Supplying and fixing for LED type panel board indicating lamp with - 220 V AC 50 Hz 12/24v DC a) Group A) Complete as per specifications.	Each			30.00	477.26	14318.00	30.00	14318.00	

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	Items of work (grouped under sub-heads the sub works of the estimate)	Unit	Previous Measuremen		Present Measurement			Total Up-to-date		Remarks
			Qty	Cost	Qty	Rate Rs. Ps.	Cost	Qty	Cost	
1	Repairs to Motor Rewinding of submersible pumpsets with copper insulation wire suitable guage as per ISI specification with guarantee of 6 months, Above 5H.P Upto 10.H.P add Rs 192.50 / per Every .5HP, Above 10 H.P Upto 20 HP Add 175 per every .5 HP Complete as per specifications. 10.00 HP Complete as per specifications.	No			50.00	5310.87	265543.50 265544.00	50.00	265543.50 265544.00	
2	12.50 H.P Complete as per specifications.	No			20.00	6531.76	130635.00	20.00	130635.00	
3	15.00 H.P Complete as per specifications.	No			20.00	7752.65	155053.00	20.00	155053.00	
4	Replacement of Pump parts the following main components of submersible pump setss requiring replacement Complete as per specifications. Pump bowls	No			250.00	341.85	85463.00	250.00	85463.00	
5	Intermediate piece (I.P)with 1.P. Leaded Bronze Bush	No			40.00	793.58	31743.00	40.00	31743.00	
6	Oil seal	No			100.00	134.30	13430.00	100.00	13430.00	
7	Oil seal steel bush	No			40.00	146.51	5860.00	40.00	5860.00	
8	Guide Vane	No			200.00	213.66	42732.00	200.00	42732.00	
9	Impeller (Shell moulded with aluminium &bronze)	No			200.00	293.01	58602.00	200.00	58602.00	
10	Discharge outlet (D.O) Bearing D.O Steel Bush	No			40.00	579.92	23197.00	40.00	23197.00	
11	D.O Bearing	No			40.00	103.34	4134.00	40.00	4134.00	4151.60
12	Steel bearing Bush (D.O Steel Bush)	No			40.00	195.34	7814.00	40.00	7814.00	7813.60
13	Alen Screw	No			80.00	85.46	6837.00	80.00	6837.00	
14	Pump shoft made out of stainless steel centreless ground with key (up to 8 stages)+ Rs.40/- extra 20 stages	No			20.00	732.53	14651.00	20.00	14651.00	14650.60
15	Pump key (stainless steel)	No			100.00	134.30	13430.00	100.00	13430.00	
16	pump coupling (stainless steel)	No			40.00	378.48	15139.00	40.00	15139.00	
17	Non-return valve (NRV) assembly complete with rubber 'O' ring	Each			50.00	634.86	31743.00	50.00	31743.00	31742.50
18	Cable Guad	Each			50.00	183.13	9157.00	50.00	9157.00	9158.50
19	Strainer	Each			50.00	213.66	10683.00	50.00	10683.00	
20	Brass Filter	Each			50.00	134.30	6715.00	50.00	6715.00	
21	Labour charges (Over hauling only)	Each			90.00	610.45	54941.00	90.00	54941.00	
22	Upper Flange	Each			40.00	366.27	14651.00	40.00	14651.00	
23	Lower Housing	Each			40.00	598.24	23930.00	40.00	23930.00	23929.60
24	Lower Flange	Each			40.00	451.73	18069.00	40.00	18069.00	
25	Lock Ring	Each			40.00	97.67	3907.00	40.00	3907.00	
26	Carbon Housing	Each			40.00	451.73	18069.00	40.00	18069.00	
27	Thrust bearing block assembly complete with segment bearing pad	Each			60.00	610.45	36627.00	60.00	36627.00	
28	Tip Carbon / Ferrodod Padding	Each			30.00	1953.42	58603.00	30.00	58603.00	58602.60
29	Stud and Nuts	Each			100.00	97.67	9767.00	100.00	9767.00	
30	Bearing (Gun Metal) Centrifugal Cas Aluminium Bronze, Bearing Bush	Each			150.00	451.73	67760.00	150.00	67760.00	
31	Circlips	Each			40.00	54.94	2198.00	40.00	2198.00	
32	Motor base with pin	Each			40.00	451.73	18069.00	40.00	18069.00	
33	Transportation of pumping machinaries	Each			180.00	671.49	120868.00	180.00	120868.00	

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